



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3118-3
Job Sheet 193712



Part No: D3118-3

Job Qty: 6 pcs

Part Name: Sign Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/22/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 5/1/19

Description:

Type: SOLD

Note: DWG REV E IPP A: 02.05.15 New Issue NG IPP REV:B 12.05.11 AS PER DWG REV.D DD VERF:EC
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Lead Time	Sign-off
100	Purchasing	6 pcs	5/1/19	5/1/19	0.00	0.00	Purchasing - 1		
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	6 pcs	5/1/19	5/1/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaero.com

Container No: S199104



Part: D3118-3

Job No: 193712

Serial No/Batch: S199104

Revision:

Inspector:

Exp Date: 07/18/2019

Instructions: Various STC's

Date: 07/18/19

Plex 4/22/19 9:00 AM Dart.lajeunesse.marie

4/22/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120 QC 6	6 pcs	5/1/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	81
					QC 6 - 40	9-89
130 Packaging 3-1 - Stock - B4B	6 pcs ✓	5/1/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	ST 017
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140 QC 21 - SA	6 pcs ✓	5/1/19	0.00 0.00		QC 21 - SA - 21	ST 017
					QC 21 - SA - 70	DAS
					QC 21 - SA - 53	21
Part Op 100 - Purchasing - Issue P/O: _____ Manufacture as per dwg D3118 Possible Supplier:SRB TECHNOLOGIES						
Descriptions: Supplier P#:9004043 Sign should be self-luminous to min. brightness of 160 microlamberts						
110 - Receive & Inspect for Damage & Mat'l Certs - Ensure Material Release Note is attached						
120 - QC6- All purchased or subcontracted products - Check dims to dwg and certification attached						
130 - Identify as per dwg & Stock Location: _____						
140 - QC21- Final Inspection - Work Order Release						

EXP: date

Plex 4/22/19 9:00 AM Dart.lajeunesse.marie

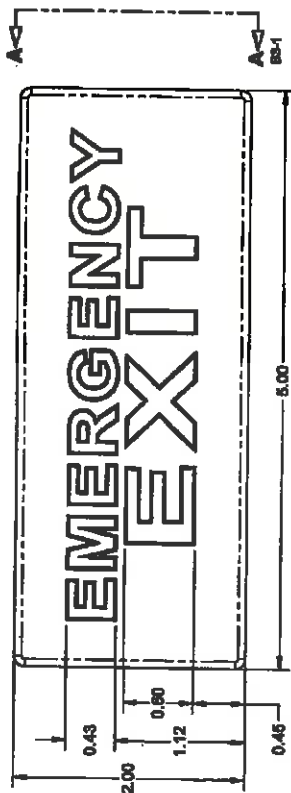
4/22/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

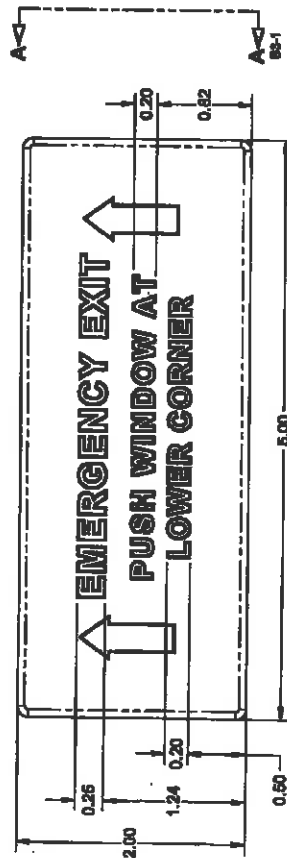
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
9004043	Sign Assembly D3118-3	6 pcs (1 ea)	100-Purchasing	5199103
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	9004043	6	0	0
Part Specifications				
Specifications could not be found.				

Plex 4/22/19 9:00 AM Dart.lajeunesse.marie

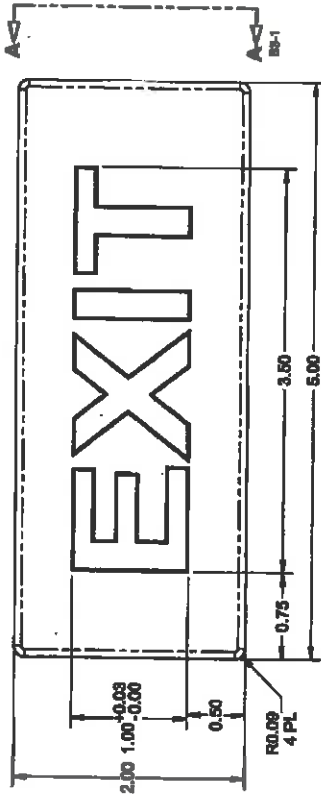
SPECIFICATION CONTROL DRAWING



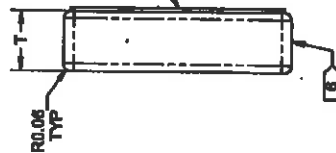
D3118-1 SIGN ASSEMBLY (B)
REPLACES PREMIER PN 027-57000-01,
BHT PN 48880-01008-00



D3118-3 SIGN ASSEMBLY (B)
REPLACES PREMIER PN 027-57000-00,
BHT PN 212-072-837-107



D3118-5 SIGN ASSEMBLY (B)



VIEW AA (B)
1:1

RELEASED
R 2013-08-01
MP

UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 193712 M05
1904-22

NOTES:

- 1) MATERIAL: POLYCARBONATE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 016 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: WITH DART PN "D3118-X" AND B/N "XXXXXX" PER DART QSI 044 8.1
- 7) WEIGHT: 0.30 LBS EACH
- 8) POSSIBLE SUPPLIER: SRB TECHNOLOGIES (CANADA) INC.
320-140 BOUNDARY ROAD
PESKOBROKE, ONTARIO, M9A 6W5
PHONE: 613-732-0065
FAX: 613-732-0068
- 9) SEE TABLE FOR SUPPLIER PROCUREMENT PINS
- 10) SIGNS SHOULD BE A RED BACKGROUND, CLEAR LETTERING WITH WHITE BORDER AROUND EACH LETTER
- 11) SIGNS SHOULD BE SELF-LUMINOUS TO MINIMUM BRIGHTNESS OF 100 MICROLAMBERTS

REV.	DESCRIPTION	BY	DATE
E	REVISE SUPPLIER AND SUPPLIER PART NUMBERS	STM	13.07.18
D	UNNOTED TO COMPLY WITH QSI 016, ADDED SUPPLIER PART NUMBERS (BHT PN 027-57000-01, BHT PN 212-072-837-107)	MB	11.11.02
C	ADD D3118-5	RF	06.02.22
B	ADD MINIMUM BRIGHTNESS = 100 MICROLAMBERTS	RF	04.06.05
A	NEW ISSUE	RF	02.04.18

DESIGN	DRAWN	CHECKED	MFG. APPR.	APPROVED	DATE

DART PART NUMBER	SUPPLIER PART NUMBER	THICKNESS
D3118-1	9004030	0.52
D3118-3	9004043	0.62
D3118-5	9004001	0.66

DESIGN	DRAWN	CHECKED	MFG. APPR.	APPROVED	DATE

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D3118-1	9004030	0.52
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D3118-1	9004030	0.52
D3118-3	9004043	0.62
D3118-5	9004001	0.66

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____	DISPOSITION	Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS	Skid-tube ☐ Machining ☐ Large Fab ☐	Cross tube ☐ Small Fab ☐ Finishing ☐	Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐	Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QS1042)			
Description Work Order Deviation		Disposition					
Root Cause		FAULT CATEGORY					
Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐	Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐	Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐	Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐	Other/Details: _____		
Completed By _____		Lead hand / Supervisor _____					
QC / QA Coordinator _____		_____					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043302



Supplier: ROY003-VU
Royal Bank Visa (Robert Aboud)
x
xx
ON
Canada

PO No: POHB043302

PO Date: 4/25/19

Due Date: 7/23/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: COD

Freight Terms:

Special Comments: SRBT TECHNOLOGIES

APR 26 2019

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	193712	9004043		Sign Assembly D3118-3 AS PER DWG D3118 REV. E	Firmed	-	7/23/19	6 pcs	0 pcs	6 pcs	\$413.54/pcs	\$2,481.24
							6x JUL 18 2019					

Grand Total: \$2,481.24

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS - NOT SUPPLIED

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE ✓

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 4/25/19 1:38 PM dart.lavoie.chantal

PO no expiration requirements
Job no expiration requirements

**SRB TECHNOLOGIES (CANADA) INC.**

320-140 Boundary Road
Pembroke, Ontario, Canada, K8A 6W5

Tel.: (613) 732-0055

Fax: (613) 732-0056

E-Mail: sales@betalight.com

Web: www.betalight.com

CERTIFICATE OF CONFORMANCE

ACCOUNT TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON
Canada K6A 1K7

CERTIFICATE OF CONFORMANCE ID:

CDN006870

YOUR REFERENCE:
POHB043302

OUR REFERENCE:
POHB043302 ✓

DATE:
July 16, 2019

ITEM #	PART NUMBER	DESCRIPTION/ SPECIFICATION	QUANTITY	REMARKS/ DELIVERY POSITION
1	D3118-3 (9004043) SRBT P/N: 9004043 ✓	Sign Assembly T 4.25 Cl. (157.25 GBq) S/N's: 39483 - 39488 (Ref. Dwg# D3118 Rev. E)	6 ✓	Batch # B43302 (POHB043302) Mfg. July/2019 Recommended expiry 7 years from Mfg date

This is to certify that the whole of the material and/or parts described herein have been manufactured to the quality standards registered under ISO 9001:2008 and conform to the full specification of the appropriate drawings and purchase order requirements.

Test methods for Betalights™ and devices containing Betalights™, including leakage and surface contamination, conform to the British Defence Standard 62-4/4 and/or ANSI/HPS N43.4-2000.

Signed for on behalf of SRB Technologies (Canada) Inc.


N. Belleau, Quality Manager



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire



Canadian Nuclear Safety Commission Radiation Safety Data Sheet

This data sheet presents information on radionuclides only.

For information on chemical compounds incorporating this radionuclide, see the relevant Material Safety Data Sheet.

Part 1 - RADIOACTIVE MATERIAL IDENTIFICATION

Chemical Symbol:	H	Common Names:	Tritium
Atomic Weight:	3	Atomic Number:	1

Part 2 - RADIATION CHARACTERISTICS

Physical Half-Life:	12.35 years
Unconditional Clearance Levels:	Activity Concentration (Bq/g) 1×10^2
CNSC Exemption Quantity:	Activity Concentration (Bq/g) 1×10^6 Activity (Bq) 1×10^9

Principal Emissions	Average Energy of Most Abundant Emission (MeV)	Maximum Energy of Most Abundant Emission (MeV)	Gamma-Ray Dose Rate at 1m Distance (mSv/h per GBq)	Shielding Information ¹
Neutrons	-	-	-	-
Gamma & X-ray	-	-	-	-
Beta* & Electron	0.0057	0.0186	-	Total absorption: ≈ 0.1 mm glass or ≈ 0.1 mm plastic
Alpha	-	-	-	-

* Where beta radiation is present, bremsstrahlung radiation will be produced. Shielding for bremsstrahlung radiation must be considered.

¹Delacroix, D. et al, Radionuclide and Radiation Protection Data Handbook 2002.

Progeny	
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Part 3 - DETECTION AND MEASUREMENT

Method of Detection:

Wipes counted by a beta probe (e.g., wipes counted by a liquid scintillation counter)

Dosimetry:

External: TLD (whole body & skin) _____ Extremity _____ Neutron _____
Internal: Whole body _____ Thyroid _____ Urine analysis ☒ Other (specify) _____